ProCurve Networking by HP

Network of Choice

Key features

- Automated configuration of more than 200 settings
- Real-time network and user-level monitoring
- Continuous security policy audits

Datasheet

NEW HP ProCurve CNMS Software Series

HP ProCurve CNMS software discovers ProCurve Intelligent Mobility system components for fast, easy deployment. It automates the configuration of more than 200 settings, plus software distribution, eliminating the potential for human error. ProCurve CNMS software provides accurate troubleshooting data through real-time network and user-level monitoring, and continuously audits security policies to provide consistent enforcement. It includes a reporting package that supplies detailed trending information to facilitate capacity planning and allows secure, remote management from any Web browser.

Features and benefits

Additional information

- **Automatic discovery of ProCurve Intelligent Mobility system components:** provides fast, easy deployment
- **Automated configuration of more than 200 settings, plus software distribution:** greatly reduces the potential for human error
- **Real-time network and user-level monitoring:** provides accurate troubleshooting data
- **Continuous security policy audits:** provide consistent enforcement
- **Reporting package that supplies detailed trending information:** facilitates capacity planning
- **Supported on wide range of hardware platforms:** runs on Red Hat Enterprise Linux 5 or CentOS-5 platform and provides a broad range of hardware compatibility, delivering unprecedented levels of operational flexibility

Technical features

- **Device discovery:**
  - Layer 2 discovery (OSU, CDP, WNMP, and IAPP)
  - SNMP and HTTP scans
  - Manual entry
- **Comprehensive AP configuration including the HP ProCurve MSM313 and MSM323 Integrated Services Access Points:**
  - VSC and SSID
  - Broadcast SSID on/off
  - Channel settings
  - Transmission power
  - Antenna configuration
  - Excluded autochannels
- **Security settings:**
  - Required security (VPN, WPA, WEP, etc.) per VSC
  - RADIUS server (primary, secondary, etc.)
  - VLAN tagging
  - Access control lists
- **Software management:**
  - Minimum firmware version
  - Automated firmware upgrades
  - Scheduled firmware distribution
  - AP configuration auditing
  - Configurable, automated AP auditing period
  - On-screen discrepancy report
  - Auto-repair function
- **General:**
  - Logical AP and controller groups
  - Group-based policy management
  - Job scheduler
  - LAN settings
  - “Management” vs. “Monitor Only” AP
- **Monitoring general:**
  - Multiple views (network, group, AP)
  - Real-time performance data
  - Configurable SNMP polling interval (by group)
  - Graphical on-screen reports
- **User-based monitoring:**
  - User name
  - IP and MAC address
  - Signal strength
  - Authentication time/status
  - Bandwidth utilization
  - Roaming history
- **Network monitoring:**
  - Real-time AP status
  - Total users
  - Bandwidth utilization
  - Uptime
- **Alerts and triggers:**
  - Standard SNMP alerts
  - Advanced “synthetic” alerts
  - User-configurable alerts
  - Configurable severity codes
  - Multiple delivery options (e-mail, pager, console, and SNMP trap)
- **Reporting:**
  - Daily reporting package (network utilization)
  - Ad hoc reports (by AP group, time period)
  - Graphical reports
  - Rogue and client history reports
  - Exportable via XML
- **Rogue AP detection:**
  - Wireless RF scanning using APs
  - Wireline discovery across subnets
  - Integrated rogue detection list
  - Ad hoc or scheduled rogue AP scans
  - Rogue data includes MAC, SSID, RSSI, security settings, and IP address (if available)
  - Rogue history report

HP ProCurve CNMS Software Series

- **System details:**
  - Password-based security
  - Management, monitoring, and operator permission levels
  - Web-based UI
  - Unlimited simultaneous administrative users
  - Context-sensitive help
- **Interoperability:**
  - IEEE 802.11b/g, 802.11a, and 802.11n
  - WEP, WPA, and WPA2

Warranty and support

- **Electronic and telephone support:** limited electronic and telephone support is available from HP. Refer to the HP Web site at www.procurve.eu/support for details on the support provided and the period during which support is available.
- **Software releases:** refer to the HP Web site at www.procurve.eu/support for details on the software releases provided and the period during which software releases are available.

Specifications

	HP ProCurve CNMS 200 software (J9428A)	HP ProCurve CNMS 500 software (J9429A)
Notes	HP ProCurve CNMS software requires the Red Hat Enterprise Linux 5 or CentOS-5 operating system running on an OS-approved hardware platform. HP ProCurve CNMS 200 software manages up to 200 MSM devices. HP ProCurve CNMS 500 software manages up to 500 MSM devices, and is expandable to 1,000 devices with the HP ProCurve CNMS 500 license—500-device upgrade (J9430A).	
Services	Refer to the HP Web site at www.procurve.eu/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	

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HP ProCurve CNMS Software Series accessories

HP ProCurve CNMS 500 software (J9429A)

HP ProCurve CNMS 500 license—500-device upgrade (J9430A)

For more information

To learn more about HP ProCurve Networking, please visit **ProCurve.eu**

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